



**PATENT**

Docket No. JP9-2000-0337 (291)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Itoh, *et al.*

Application No.: 10/056,149

Group Art Unit: 2641

Filed: January 24, 2002

For: SPEECH RECOGNITION APPARATUS AND COMPUTER  
SYSTEM THEREFOR, SPEECH RECOGNITION METHOD AND  
PROGRAM AND RECORDING MEDIUM THEREFOR

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 on:

Date

7/8/02

Kevin T. Cuenot

*Kevin T. Cuenot*

Reg. No. 46,283

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the document which is listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date, or (2) before the mailing date of the first Office Action on the merits and, therefore, no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.



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7-19-02

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Kevin T. Cuenot  
Kevin T. Cuenot

Reg. No. 46,283

TRANSMITTAL LETTER

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please find enclosed the following for filing:

- ☒ Information Disclosure Statement, Form PTO-1449
- ☒ Please charge any deficiencies or credit any overpayment to Deposit Account  
No. 50-0951
- ☒ Other: (1) Postcard

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This Transmittal Letter is submitted in duplicate.

Respectfully submitted,

Date: 7/8/02

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Docket No. JP9-2000-0337 (291)

# INFORMATION DISCLOSURE STATEMENT

U.S. Patent Appln. No. 10/056,149


Docket No.: JP9-2000-0337 (291)

The submission of the listed documents is not intended as an admission that such documents constitute prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove the listed documents as competent references against the claims of the present application.

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

Respectfully submitted,

Date: 7/8/02

  
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Docket No.: JP9-2000-0337 (291)

Form PTO-1449  
(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
JP9-2000-0337  
(291)APPLICATION NO.  
10/056,149INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTAPPLICANT  
Itoh, et al.FILING DATE  
January 24, 2002GROUP  
2641

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	09/748,542	---	Itoh, et al.	704	240	12/26/00

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		L.R. Bahl, et al., <i>A Maximum Likelihood Approach to Continuous Speech Recognition</i> , <u>IEEE Transactions</u> , Vol. PAMI-5, No. 2, (March 1983)
		N. Masafumi, et al., <i>Word-Based Approach to Large-Vocabulary Continuous Speech Recognition for Japanese</i> , <u>Information Processing Society of Japan</u> , Vol. 40, No. 4, (April 1999)
		Kai et al., <i>Information Processing Society of Japan, Dealing with Out-of-Vocabulary Words and Filled Pauses in Word N-Gram Based Speech Recognition System</i> , Vol. 40, No. 4, (April 1999)
		A. Stolcke, et al., <i>Statistical Language Modeling for Speech Disfluencies</i> , <u>IEEE Proc.</u> of ICASSP96, (1996).
		<u>IBM ViaVoice98 Application Edition</u> , Info-Creates Publication Dept., (Sep. 30, 1998).
		E. Charniak, <i>Hidden Markov Models and Two Applications</i> , <u>Statistical Language Learning</u> , MIT Press, pp. 39 - 43, (1999)

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.